

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

A PORTION OF THE SUBDIVISIONAL LINES

AND

THE SUBDIVISION OF SECTIONS 27, 28 AND 34

IN

TOWNSHIP 28 SOUTH, RANGE 3 EAST

OF THE SALT LAKE MERIDIAN  
IN THE STATE OF UTAH

EXECUTED BY

*Ferrel D. Reynolds*  
*Cadastral Surveyor*

Under special instructions dated *October 30, 1991*, approved November 5, 1991, which provided for the surveys included under Group Number 777, and assignment instructions dated *November 1, 1991*.

Survey commenced *November 7, 1991*

Survey completed *May 28, 1992*

INDEX DIAGRAM

Township 28 South , Range 3 East

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## TOWNSHIP 28 SOUTH, RANGE 3 EAST, SALT LAKE MERIDIAN, UTAH

**CHAINS**

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and the subdivision of sections 27, 28, and 34, in Township 28 South, Range 3 East, Salt Lake Meridian, Utah.

The south boundary was surveyed by Bailey and Burrill in 1876 and portions resurveyed by E. Bird in 1935 and F.R. Chappell in 1966.

Portions of the subdivisional lines were surveyed by Bailey and Burrill in 1876 and by E. Bird in 1935 and portions resurveyed by E. Bird in 1935 and F.R. Chappell in 1966.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 761, dated October 30 1991.

The directions of lines were determined by hour angle observations of the sun and Polaris, carried forward by sustained angulation. Distances were determined by electronic measurement.

Preliminary to the resurvey the lines of the original survey were retraced and a diligent search was made for any evidence of the original field note record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line notes are given herein.

The geographic position of the 1/4 section corner of sections 3 and 34 on the south boundary of the township, as determined by a tie to U.S. Geological Survey triangulation station "Teasdale", is as follows:

Latitude  $38^{\circ}19'29.07''$  N. Longitude  $111^{\circ}34'08.83''$  W.

N.A.D. 1927

The mean magnetic declination as projected from the U.S. Geological Survey Magnetic Declination Map of 1985, is  $13\frac{1}{2}^{\circ}$  E.

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Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 28 S., R. 3 E., Salt Lake Meridian, Utah

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Reestablishment of the Survey Executed by Bailey and Burrill  
in 1876 and the Resurvey Executed by E. Bird in 1935  
and F.R. Chappell in 1966

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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 28 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Beginning at the true point for the corner of sections 26, 27, 34, and 35, falls in a dirt road, bears E and W, from which the remaining original reference monument, an iron post, 2 1/2 ins. diam., projecting 6 ins. above ground, with brass cap marked as described in the official record of the 1966 resurvey, bears S. 58°45' W., 24 feet dist.

N. 0°12.5' E., between sections 26 and 27.

Over rolling land, through sagebrush and native grasses.

**20.074** Point for the S 1/16 section corner of sections 26 and 27.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a mound of stone to top, with aluminum cap marked:

T 28 S R 3 E  
S 1/16  
S27 | S26  
1992

Corner is located 3 lks. dist. E and 6 lks. dist. S of a fence corner, bears E and S.

**40.148** The 1/4 section corner of sections 26 and 27, monumented with an iron post, 1 in. in diam., set in a large mound of stone to top, with brass cap marked as described in the official record of the 1935 resurvey.

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From the 1/4 section corner of sections 33 and 34, monumented with an iron post, 2 1/2 ins. diam., set in a mound of stone to top, with brass cap marked as described in the official record of the 1966 resurvey.

N. 0°10.7 W., between sections 33 and 34.

Over rolling mountainous land.

**19.820** Point for the N 1/16 section corner of sections 33 and 34.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

T 28 S R 3 E  
N 1/16  
S33 | S34  
1992

Raise a mound of stone W of the corner.

Corner is located in large gravel wash, drains E.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 28 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

## CHAINS

**39.640**

The corner of sections 27, 28, 33, and 34, monumented with an iron post, 2 1/2 ins. diam., set in a mound of stone to top, with brass cap marked as described in the official record of the 1966 resurvey.

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From the true point for the corner of sections 26, 27, 34, and 35.

S. 89° 47.2 W., between sections 27 and 34.

Over rolling land.

**19.875**

Point for the E 1/16 section corner of sections 27 and 34.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with aluminum cap marked:

T28S R3E  
E 1/16  $\frac{S27}{S34}$   
1992

Corner is located in a wooden fence line, bears E and W.

**39.750**

The 1/4 section corner of sections 27 and 34, monumented with an iron post, 2 1/2 ins. diam., projecting 8 ins. above ground, with brass cap marked as described in the official record of the 1966 resurvey.

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S. 89° 38.8' W., beginning new measurement.

**19.883**

Point for the W 1/16 section corner of sections 27 and 34.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, and in a collar of stone, with aluminum cap marked:

T 28 S R 3 E  
W 1/16  $\frac{S27}{S34}$   
1992

Set a steel fence post alongside the aluminum post.

**39.766**

The corner of sections 27, 28, 33, and 34.

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N. 0° 02.8' W., between sections 27 and 28.

Over rolling land.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 28 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

## CHAINS

**40.202**

Point for the 1/4 section corner of sections 27 and 28, at proportionate distance; there is no remaining evidence of the original corner. True point falls in a hay field; not monumented.

**42.200**

Record distance for the witness corner to the 1/4 section corner of sections 27 and 28. No remaining evidence of the 1966 corner was found.

**60.303**

Point for the N 1/16 section corner of sections 27 and 28.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

T28S R3E  
N 1/16  
S28 | S27  
1992

Set a steel fence post alongside the aluminum post.

Corner is located 25 lks. dist., W of dirt road, bears N and S.

**80.404**

The corner of sections 21, 22, 27, and 28, monumented with an iron post, 2 ins. diam., projecting 6 ins. above ground, with brass cap marked as described in the official record of the 1935 survey.

From the 1/4 section corner of sections 22 and 27, monumented with an iron post, 1 in. diam., projecting 8 ins. above ground, with brass cap marked as described in the official record of the 1935 resurvey.

S. 89° 53.3' W., between sections 22 and 27.

Over rolling land, through sagebrush, shadscale and native grasses.

**19.946**

Point for the W 1/16 section corner of sections 22 and 27.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

T28S R3E  
W 1/16  $\frac{S22}{S27}$   
1992

Raise a mound of stone N of the corner.

Corner is located in a netwire fence line, bears E and W.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 28 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

## CHAINS

**39.892**

The corner of sections 21, 22, 27, and 28.

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N.  $89^{\circ}45.0'$  W., between sections 21 and 28.

Over rolling land.

**19.768**

Point for the E 1/16 section corner of sections 21 and 28, falls in cultivated field; not monumented.

**37.065**

Point for the W-W-W-E 1/1024 section corner of sections 21 and 28.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 30 ins. in the ground, flush with the surface, with aluminum cap marked:

$$\begin{array}{r} 1/1024 \quad \frac{S21}{S28} \\ 1992 \end{array}$$
**39.536**

The 1/4 section corner of sections 21 and 28, monumented with an iron post, 2 1/2 ins. diam., set in a mound of stone to top, with brass cap marked as described in the official record of the 1966 resurvey.

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The Subdivision of Section 27,  
T. 28 S., R. 3 E., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 27 and 34.

N.  $0^{\circ}02.9'$  E., on the N - S center line of section 27.

**20.064**

Point for the center S 1/16 section corner of section 27.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a collar of stone, with aluminum cap marked:

$$\begin{array}{r} T28S R3E \\ C \\ S 1/16 \quad | \quad S27 \\ C \\ 1992 \end{array}$$

Corner is located on a rolling rocky SW slope.

Set a steel fence post alongside the aluminum post.

**40.128**

Point for the center 1/4 section corner, at intersection with the E - W center line.

THE SUBDIVISION OF SECTION 27,  
T. 28 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a collar of stone, with aluminum cap marked:

T28S R3E  
C 1/4 S27  
1992

Corner is located on a rolling rocky SW slope.

**60.182** Point for the center N 1/16 section corner of section 27.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, with aluminum cap marked:

T28S R3E  
C  
N 1/16 | S27  
C  
1992

Corner is located on a rocky S slope of wash, drains SW.

**80.236** The 1/4 section corner of sections 22 and 27.

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From the 1/4 section corner of sections 26 and 27.

S. 89°45.4' W., on the E - W center line of section 27.

**19.929** Point for the center E 1/16 section corner of section 27.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a mound of stone, with aluminum cap marked:

T28S R3E  
C  $\frac{E\ 1/16}{S27}$  C  
1992

Set a steel fence post alongside the aluminum post.

Corner is located on a rolling rocky S slope.

**39.858** The center 1/4 section corner of section 27.

**59.773** Point for the center W 1/16 section corner of section 27.

THE SUBDIVISION OF SECTION 27,  
T. 28 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

T28S R3E  
C  $\frac{W \ 1/16}{S27}$  C  
1992

Raise a mound of stone E of the corner.

Corner is located 4 lks. dist., W of a netwire fence, bears N and S.

**79.688** True point for the 1/4 section corner of sections 27 and 28.

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From the E 1/16 section corner of sections 27 and 34.

N. 0°07.7' E., on the N - S center line of the SE 1/4 of section 27.

**20.069** Point for the SE 1/16 section corner of section 27, at intersection with the E - W center line of the SE 1/4.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a collar of stone, with aluminum cap marked:

T28S R3E  
SE 1/16 S27  
1992

Set a steel fence post alongside the aluminum post.

Corner is located on a rolling rocky S slope.

**40.138** The center E 1/16 section corner of section 27.

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From the S 1/16 section corner of sections 26 and 27.

S. 89°46.3' W., on the E - W center line of the SE 1/4 of section 27.

**19.902** The SE 1/16 section corner of section 27.

**39.804** The center S 1/16 section corner of section 27.

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From the W 1/16 section corner of sections 27 and 34.

North, on the N - S center line of the SW 1/4 of section 27.

THE SUBDIVISION OF SECTION 27,  
T. 28 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

## CHAINS

**40.165**

The center W 1/16 section corner of section 27.

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From the center W 1/16 section corner of section 27.

North, on the N - S center line of the NW 1/4 of section 27.

**20.078**

Point for the NW 1/16 section corner of section 27, at intersection with the E - W center line of the NW 1/4.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

T28S R3E  
NW 1/16 S27  
1992

From which:

An aluminum post, 1 in. diam., 6 ins. above ground, with aluminum cap marked Bicknell allotment Fence Project No. 4108, 1972, bears N. 74°58' E., 6 1/2 lks. dist.

**40.156**

The W 1/16 section corner of sections 22 and 27.

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From the center N 1/16 section corner of section 27.

S. 89°49.3' W., on the E - W center line of the NW 1/4 of section 27.

**19.930**

The NW 1/16 section corner of section 27.

**39.860**

The N 1/16 section corner of sections 27 and 28.

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The Subdivision of Section 28,  
T. 28 S., R. 3 E., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 28 and 33, monumented with an iron post, 2 1/2 ins. diam., set in a mound of stone, with brass cap marked as described in the official record of the 1966 resurvey.

N. 0°11.6' E., on the N - S center line of section 28.

**40.039**

Point for the center 1/4 section corner, at intersection with the E - W center line.

THE SUBDIVISION OF SECTION 28,  
T. 28 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with aluminum cap marked:

T28S R3E  
C 1/4 S28  
1992

Corner is located in a netwire fence line, bears N and S.

**60.119** Point for the center N 1/16 section corner of section 28.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with aluminum cap marked:

T28S R3E  
C  
N 1/16 | S28  
C  
1992

Corner is located in a netwire fence line, bears N and S, ( 51 lks. dist. S of corner of same fence, bears E and S).

**77.689** Point for the C-N-N-N-N 1/1024 section corner of section 28.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

1/1024 S28  
1992

Raise a mound of stone W of the corner.

**80.199** The 1/4 section corner of sections 21 and 28.

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From the true point for the 1/4 section corner of sections 27 and 28.

N. 89°42.0' W., on the E - W center line of section 28.

**19.852** Point for the center E 1/16 section corner of section 28; not monumented.

**39.704** The center 1/4 section corner of section 28.

**79.713** The 1/4 section corner of sections 28 and 29, monumented with an iron post, 2 1/2 ins. diam., set in a mound of stone to top, with brass cap marked as described in the official record of the 1966 resurvey.

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THE SUBDIVISION OF SECTION 28,  
T. 28 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

**CHAINS**

From the point for the center E 1/16 section corner of section 28.

N.  $0^{\circ}04.4'$  E., on the N - S center line of the NE 1/4 of section 28.

**20.091** Point for the NE 1/16 section corner of section 28, at intersection with the E - W center line.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with aluminum cap marked:

T28S R3E  
NE 1/16 S28  
1992

Set a steel fence post alongside the aluminum post.

Corner is located 82 lks. dist., S of a fence line, bears E and W, in cultivated field.

**37.668** Point for the C-N-N-N-NE 1/1024 section corner of section 28.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 30 ins. in the ground, flush with the surface, with aluminum cap marked:

1/1024 S28  
1992

Corner is located in cultivated field, 41 lks. dist., N of an E and W fence line and 90 1/2 lks. dist., N of center of paved road, bears E and W.

**40.179** Point for the E 1/16 section corner of sections 21 and 28.

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From the N 1/16 section corner of sections 27 and 28.

N.  $89^{\circ}43.4'$  W., on the E - W center line of the NE 1/4 of section 28.

**19.809** The NE 1/16 section corner of section 28.

**39.619** The center N 1/16 section corner of section 28.

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From the C-N-N-N-NE 1/1024 section corner, on the N - S center line of the NE 1/4 of section 28.

N.  $89^{\circ}44.8'$  W., on the E - W center line of the N 1/2, N 1/2, NW 1/4, NE 1/4 of section 28.

**17.304** Point for the NW-NW-NW-NE 1/1024 section corner of section 28.

THE SUBDIVISION OF SECTION 28,  
T. 28 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

1/1024 S28  
1992

Raise a mound of stone W of the corner.

**19.776** The C-N-N-N-N 1/1024 section corner of section 28.

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From the NW-NW-NW-NE 1/1024 section corner of section 28.

N.  $0^{\circ} 10.7'$  E., on the N - S center line of the NW 1/4, NW 1/4, NW 1/4, NE 1/4 of section 28.

**2.510** The W-W-W-E 1/1024 section corner of sections 21 and 28.

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The Subdivision of Section 34,  
T. 28 S., R. 3 E., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 3 and 34, monumented with an iron post, 2 1/2 ins. diam., projecting 8 ins. above ground and in a collar of stone, with brass cap marked as described in the official record of the 1966 resurvey.

From which

U.S. Geological Triangulation Station "TEASDALE 1952", bears  
S.  $48^{\circ} 18' 52''$  E., 343.383 chains distance.

N.  $0^{\circ} 11.7'$  W., on the N - S center line of section 34.

**39.770** Point for the center 1/4 section corner, at intersection with the E - W center line.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with aluminum cap marked:

T28S R3E  
C 1/4 S 34  
1992

**59.708** Point for the center N 1/16 section corner of section 34.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

THE SUBDIVISION OF SECTION 34,  
T. 28 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

## CHAINS

T28S R3E  
C  
N 1/16 | S34  
C  
1992

Set a steel fence post alongside the aluminum post.

Corner is located in pasture land, 75 lks. dist., S of creek, flows E.

**79.646** The 1/4 section corner of sections 27 and 34.

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From the 1/4 section corner of sections 34 and 35, monumented with an iron post, 2 1/2 ins. diam., projecting 6 ins. above ground, with brass cap marked as described in the official record of the 1966 resurvey.

S. 89°59.5' W., on the E - W center line of section 34

**40.060** The center 1/4 section corner of section 34.

**59.950** Point for the center W 1/16 section corner of section 34.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone, 3 1/2 ft. base to top, with aluminum cap marked:

T28S R3E  
C  $\frac{W\ 1/16}{S34}$  C  
1992

**79.840** The 1/4 section corner of sections 33 and 34.

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From the center W 1/16 section corner of section 34.

N. 0°11.2' W., on the N - S center line of the NW 1/4 of section 34.

**19.879** Point for the NW 1/16 section corner of section 34, at intersection with the E and W center line.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

T28S R3E  
NW 1/16 S34  
1992

THE SUBDIVISION OF SECTION 34,  
T. 28 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

**CHAINS**

Set a steel fence post alongside the aluminum post.

Raise a mound of stone W of the corner.

Corner is located in gravel pit in Big Hollow Wash, drains SE.

**39.759** The W 1/16 section corner of sections 27 and 34.

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From the center N 1/16 section corner of section 34.

S.  $89^{\circ}49.1' W.$ , on the E - W center line of the NW 1/4 of section 34.

**19.887** The NW 1/16 section corner of section 34.

**39.774** The N 1/16 section corner of sections 33 and 34.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

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Name	Capacity
Gail E. Reynolds	Cadastral Surveyor
Shawn Peterson	Surveying Technician

## CERTIFICATE OF SURVEY

I, *Ferrel D. Reynolds, Cadastral Surveyor*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *30th day of October, 1991*, I have *dependently resurveyed a portion of the subdivisional lines and subdivided sections 27, 28 and 34 in Township 28 South, Range 3 East*,

of the *Salt Lake Meridian*, in the State of *Utah*, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

April 18, 1996

Date



(Cadastral Surveyor)

\_\_\_\_\_

Date

\_\_\_\_\_

(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Salt Lake City, Utah

The foregoing field notes of the *dependent resurvey of a portion of the subdivisional lines and the survey of the subdivision of sections 27, 28 and 34 in Township 28 South, Range 3 East, Salt Lake Meridian, Utah*,

executed by *Ferrel D. Reynolds, Cadastral Surveyor*

having been critically examined and found correct, are hereby approved.

APRIL 18, 1996

Date



(Chief Cadastral Surveyor for Utah)